

MEMORANDUM FOR THE RECORD

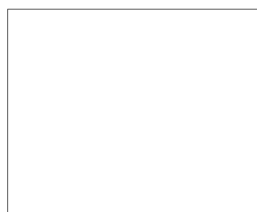
SUBJECT: Meeting of the "Office of Communications
Equipment Panel"

Commo Liaison

Present:



B/O&T/OC
SB/O&T/OC
AFB/SPD/OC
EAB/SPD/OC
SEB/OC-E
MSB/OC-E



MSB/OC-E
R&D/OC-E
SS
TSS
TSS
SS

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1. The meeting was opened at 1405. [] started by explaining briefly to the TSS representatives that in order for Commo to properly standardize on certain types of Communications equipment, it was interested in the TSS technical, operational, and quantitative requirements for this type equipment. In the discussion that followed, it was agreed that the TSS Communications portion of surveillance activities could adequately be handled with the same type equipment which would meet with Office of Communications requirements in the field of:

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- a. Fixed Station type (FM) VHF receivers in the 30 to 50 and 152 to 174 meg. range.
- b. Fixed Station type (FM) VHF transmitter in the 30 to 50 and 152 to 174 meg. range.
- c. Mobile type (FM) VHF receiver/transmitter in the 30 to 50 and 152 to 174 meg. range.
- d. Portable (handy talkie type) (FM) VHF transceivers in the 30 to 50 and 152 to 174 meg. range.

2. In connection with the above, TSS representatives said:

- a. It was highly desirable that the Fixed Station VHF Receiver have better band-pass characteristics than the old type NEMS/Clarke 167-J2.
- b. It would be highly desirable that the Mobile VHF equipment be so designed that it would be relatively simple to "gimmie" a car so that the equipment would be plugged in, in the shortest time possible. It would also be desirable that the transmitter portion of the mobile set and the base station UHF transmitter be designed to make possible simultaneous dual-channel transmission.
- c. It might be desirable to select or have equipment which would also operate in the 400 meg. range, in case the VHF spectrum became too crowded.
- d. Quantitative requirements would be given to the Office of Communications.

3. In discussing recorders, it was agreed that the current problems concerning these equipments are so unsettled that it would be better to defer the discussion until some further date.

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4. Several other types of equipment were briefly discussed, such as the Signal Corps/"Helmet Radio Set", miniaturized versions of Motorola Handy Talkie, etc. Since these equipments fall in the specialized category, it was agreed that the interested elements of Commo and TSS would get together at some future date for the exchange of information concerning these types of equipment.

5. It was agreed that the next meeting would be held 28 February 1957 at 1400 hours.

6.. The meeting was adjourned at approximately 1600 hours.

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